



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

TOD NO: XX439-01
SHA NO: PG995B51
MD 214 @ Crown St./MD Park Drive

MD 214 EB(Central Avenue).

MD 214 WB(Central Avenue).

CONSTRUCTION DETAILS:

- INSTALL CONCRETE FOUNDATION FOR A 27 FT. STEEL POLE WITH 60 FT. MAST ARM (CUT TO 50') WITH 20 FT. LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE, AND LED TRAFFIC SIGNAL HEADS. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL CONCRETE FOUNDATION FOR A 27 FT. STEEL POLE WITH 60 FT. MAST ARM (CUT TO 40') WITH 15 FT. LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE, AND LED TRAFFIC SIGNAL HEADS. COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON STATION AND SIGN. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL NEMA 'S' SIZE BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC SCHEDULE 80 CONDUIT BENDS).
- INSTALL 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01) IN MODIFIED BASE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON STATION AND SIGN. (NOTE: 1-2 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL METERED SERVICE PEDESTAL EMBEDDED (100 AMP).
- INSTALL HANDHOLE.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED, PROVIDE CONDUIT BEND AT BASE OF UTILITY POLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- REMOVE EXISTING PAVEMENT MARKING.
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.
- REMOVE EXISTING PED POLE AND ALL ATTACHED EQUIPMENT 12 IN. BELOW GROUND GRADE AND BACKFILL.
- REMOVE EXISTING SIGNAL POLE AND SPAN WITH ALL ATTACHED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GROUND GRADE AND BACKFILL.
- EXISTING POWER FEED TO BE REMOVED BY OTHERS.

GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL CONTACT ED RODENHIZER AT THE SIGNAL SHOP (410) 787-7650 TO DELIVER APS EQUIPMENT FOR TESTING.
- THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.
- REMOVE AND REPLACE CONCRETE SIDEWALK SECTION AS NECESSARY FOR NEW PED POLE AND CONDUITS.

GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

SD - STORM DRAIN
G - GAS MAIN
W - WATER MAIN
S - SEWER MAIN
E - ELECTRIC CABLES
A - AERIAL CABLES
T - TELEPHONE CABLES
F - FIBER-OPTIC



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 214 (CENTRAL AVENUE) AND
CROWN STREET/MARYLAND PARK DRIVE
SEAT PLEASANT, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE _____ CONTRACT NO. _____

DESIGNED BY _____ COUNTY PRINCE GEORGE'S
DRAWN BY _____ LOGMILE 16021400.33
CHECKED BY _____ TMS NO. _____
F.A.P. NO. _____ TOD NO. _____

TS NO. 27 D DRAWING - OF SHEET NO. 1 OF 2

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| APPROVALS | REVISIONS |
|------------------|---|
| TEAM LEADER | 10/11/11 TMS-K749 SHA NO. XX4395185 RECONSTRUCT TRAFFIC SIGNAL ADD APS/ CPS LAMPING, MAKE ADA COMPLIANT CW 10/17/11 RDBMP-12.1 |
| ASST. DIV. CHIEF | INSTALL COUNTDOWN AND AUDIBLE C PEDESTRIAN SIGNALS CONTRACT NO. PG5595177 3/12/07 |
| DIVISION CHIEF | BRD NML |
| OFFICE DIRECTOR | |

PLOTTED: Friday, October 14, 2011 AT 07:58 AM
FILE: P:\09-002 TEDD\Task 65 MD 214 @ Maryland Park Dr\Drawings\CADD\Working\PG55-001_M214@MD_Park.dgn